

## Comparison of the effects of lecture and team based learning (TBL) on oral and maxillofacial pathology learning in dental students

F. Keshani\*

M. Alikhasi\*

F. Azmoodeh\*

\*Assistant Professor of Oral Pathology, Qazvin University of Medical Sciences, Qazvin, Iran

### \*Abstract

The aim of this study was to compare the effects of lecture and team based learning (TBL) on oral and maxillofacial pathology learning in dental students. This quasi-experimental study was conducted in 30 dental students who applied for oral and maxillofacial pathology course in the School of Dentistry affiliated to Qazvin University of Medical Sciences during the first semester in 2013. The course was consisted of 10 one-hour sessions. Firstly, TBL was used in 5 continuous sessions. Then lecture was used in the remained sessions. In two sessions, multiple choices test was taken for both methods before and after the teaching and without prior notice. The mean difference of pre-test and post-test was 10.28 and 8 in the TBL and lecture, respectively and the difference was not statistically significant. With regards to the results, the effects of lecture and TBL on students' learning are not significantly different.

**Keywords:** Teaching, Lectures, Learning, Pathology

**Citation:** Keshani F, Alikhasi M, Azmoodeh F. Comparison of the effects of lecture and team based learning (TBL) on oral and maxillofacial pathology learning in dental students. J Qazvin Univ Med Sci. 2015; 19 (3): 60-63.

**Corresponding Address:** Faezeh Azmoodeh, Oral Pathology Department, School of Dentistry, Qazvin University of Medical Sciences, Shahid Bahrani Blvd., Qazvin, Iran

**Email:** fa.azmoodeh@gmail.com

**Tel:** +98-28-33355061

**Received:** 28 Apr 2014

**Accepted:** 16 Nov 2014